

Atty Dkt No. 004860.P2753

Patent

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of: ) Examiner: Quillen, Allen E.  
Stauffer, et al. ) Art Unit: 2676  
Serial No. 10/042,901 )  
Filed: January 8, 2002 )  
For: VIRTUALIZATION OF )  
GRAPHICS RESOURCES )  
\_\_\_\_\_ )

**RECEIVED**

JUN 29 2004

Technology Center 2600

MS Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

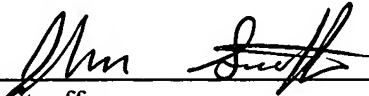
**DECLARATION UNDER 37 C.F.R. § 1.131**

We, John Stauffer, Bob Beretta and Ken Dyke, declare that:

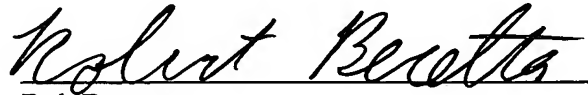
1. We are inventors of the invention set forth in claims 1-40 of the above-referenced patent application. At the time of the invention, we were employed by Apple Computer Inc., assignee of the present application.
2. The invention as described and claimed in the above-referenced patent application was conceived of, and reduced to practice, prior to January 4, 2002.
3. As evidence of reduction to practice, logs from the software versioning control system at Apple Computer for the source code incorporating the invention are attached hereto as Exhibit A. The source code was tested and fully functional to perform the features of the invention as claimed prior to January 4, 2002. The source code and modification dates are considered trade secrets and have been redacted from the logs.

4. We declare, to the best of our knowledge, all statements made in this document are true, and that all statements made on information are believed to be true; and further, that these statements were made with the knowledge that willful false statements are punishable by fine or imprisonment, or both, under § 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the above-referenced patent application or any patent issued therefrom.


6/16/2004  
Date

  
John Stauffer

6/16/2004  
Date

  
Bob Beretta

6/16/2004  
Date

  
Ken Dyke



**EXHIBIT A**

***Contents***

Kernel Files Log

Kernel Header Files Log

Client Header Files Log

Header Files Log



Kernel files (notation added)

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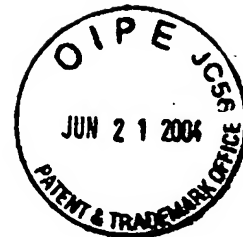


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date [REDACTED]; author beretta; state Exp;  
branches;  
next 1.1;

1.1  
date [REDACTED]; author beretta; state Exp;  
branches  
1.1.1.1;  
next ;

1.1.1.1  
date [REDACTED]; author beretta; state Exp;  
branches;  
next ;



Client header files (notation added)

head 1.12;

access;

symbols

GraphicsDrivers-1-0d62:1.7  
GraphicsDrivers-1-1d31:1.12  
GraphicsDrivers-1-1d30:1.12  
GraphicsDrivers-1-0d61:1.7  
GraphicsDrivers-1-0d60:1.7  
GraphicsDrivers-1-0d59:1.7  
GraphicsDrivers-1-0d58:1.7  
GraphicsDrivers-1-0d57:1.7  
GraphicsDrivers-1-0d56:1.7  
GraphicsDrivers-1-1d29:1.12  
GraphicsDrivers-1-0d55:1.7  
GraphicsDrivers-1-0d54:1.12  
GraphicsDrivers-1-1d28:1.12  
GraphicsDrivers-1-1d27:1.12  
GraphicsDrivers-1-0d53:1.7  
GraphicsDrivers-1-0d52:1.12  
GraphicsDrivers-1-1d26:1.12  
GraphicsDrivers-1-1d25:1.12  
GraphicsDrivers-1-1d24:1.12  
GraphicsDrivers-1-0d51:1.7  
GraphicsDrivers-1-0d50:1.7  
GraphicsDrivers-1-1d23:1.12  
GraphicsDrivers-1-1d22:1.12  
GraphicsDrivers-1-1d21:1.12  
GraphicsDrivers-1-1d20:1.12  
GraphicsDrivers-1-0d49:1.7  
GraphicsDrivers-1-0d48:1.7  
GraphicsDrivers-1-0d47:1.7  
GraphicsDrivers-1-1d19:1.12  
GraphicsDrivers-1-0d46:1.7  
GraphicsDrivers-1-1d18:1.12  
GraphicsDrivers-1-1d17:1.12  
GraphicsDrivers-1-1d16:1.12  
GraphicsDrivers-1-1d15:1.12  
GraphicsDrivers-1-1d14:1.11  
GraphicsDrivers-1-1d13:1.11  
GraphicsDrivers-1-1d12:1.11  
GraphicsDrivers-1-1d11:1.11  
GraphicsDrivers-1-1d10:1.11  
GraphicsDrivers-1-1d9:1.11  
GraphicsDrivers-1-1d8:1.11  
GraphicsDrivers-1-1d7:1.11  
GraphicsDrivers-1-1d6:1.11  
GraphicsDrivers-1-1d5:1.9  
GraphicsDrivers-1-1d4:1.8  
GraphicsDrivers-1-1d3:1.8  
GraphicsDrivers-1-1d2:1.8  
GraphicsDrivers-1-1d1:1.8  
GraphicsDrivers-1-0d45:1.7  
GraphicsDrivers-1-0d44:1.7  
GraphicsDrivers-1-0d43:1.7  
GraphicsDrivers-1-1d0:1.7  
GraphicsDrivers-1-0d42:1.7



GraphicsDrivers-1-0d41:1.7  
GraphicsDrivers-1-0d40:1.7  
GraphicsDrivers-1-0d39:1.7  
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GraphicsDrivers-1-0d31:1.7  
GraphicsDrivers-1-0branch:1.7.0.2  
GraphicsDrivers-1-0d30:1.7  
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GraphicsDrivers-1-0d17:1.6  
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GraphicsDrivers-1-0d15:1.6  
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GraphicsDrivers-1-0d13:1.5  
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GraphicsDrivers-1-0d10:1.5  
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GraphicsDrivers-1-0d7:1.5  
GraphicsDrivers-1-0d6:1.5  
GraphicsDrivers-1-0d5:1.5  
GraphicsDrivers-1-0d4:1.5  
GraphicsDrivers-1-0d3:1.5  
GraphicsDrivers-1-0d2:1.5  
GraphicsDrivers-1-0d1:1.5  
GraphicsDrivers-1-0d0:1.5  
GADrivers-1-0d0:1.1.1.1  
GADrivers-1:1.1.1.1;

locks; strict;  
comment @ \* @;

1.12  
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branches;  
next 1.11;

1.11  
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branches;  
next 1.10;



1.10  
date [REDACTED]; author beretta; state Exp;  
branches;  
next 1.9;

1.9  
date [REDACTED]; author beretta; state Exp;  
branches;  
next 1.8;

1.8  
date [REDACTED]; author stauffer; state Exp;  
branches;  
next 1.7;

1.7  
date [REDACTED]; author beretta; state Exp;  
branches;  
next 1.6;

1.6  
date [REDACTED]; author beretta; state Exp;  
branches;  
next 1.5;

1.5  
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branches;  
next 1.4;

1.4  
date [REDACTED]; author beretta; state Exp;  
branches;  
next 1.3;

1.3  
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branches;  
next 1.2;

1.2  
date [REDACTED]; author beretta; state Exp;  
branches;  
next 1.1;

1.1  
date [REDACTED]; author beretta; state Exp;  
branches  
1.1.1.1;  
next ;

1.1.1.1  
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branches;  
next ;



Header files (notation added)

head 1.23;

access;

symbols

GraphicsDrivers-1-0d62:1.12  
GraphicsDrivers-1-1d31:1.23  
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GraphicsDrivers-1-1d29:1.23  
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GraphicsDrivers-1-0d54:1.23  
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GraphicsDrivers-1-1d27:1.23  
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GraphicsDrivers-1-1d1:1.17  
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GraphicsDrivers-1-1d0:1.14  
GraphicsDrivers-1-0d42:1.12



GraphicsDrivers-1-0d41:1.12  
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GraphicsDrivers-1-0d31:1.12  
GraphicsDrivers-1-0branch:1.12.0.2  
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GraphicsDrivers-1-0d8:1.6  
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GraphicsDrivers-1-0d6:1.5  
GraphicsDrivers-1-0d5:1.5  
GraphicsDrivers-1-0d4:1.5  
GraphicsDrivers-1-0d3:1.5  
GraphicsDrivers-1-0d2:1.4  
GraphicsDrivers-1-0d1:1.4  
GraphicsDrivers-1-0d0:1.4  
GADrivers-1-0d0:1.1.1.1  
GADrivers-1:1.1.1;

locks; strict;  
comment @ \* @;

1.23  
date [REDACTED]; author beretta; state Exp;  
branches;  
next 1.22;

1.22  
date [REDACTED]; author beretta; state Exp;  
branches;  
next 1.21;



1.21  
date [REDACTED]; author beretta; state Exp;  
branches;  
next 1.20;

1.20  
date [REDACTED]; author kdyke; state Exp;  
branches;  
next 1.19;

1.19  
date [REDACTED]; author beretta; state Exp;  
branches;  
next 1.18;

1.18  
date [REDACTED]; author beretta; state Exp;  
branches;  
next 1.17;

1.17  
date [REDACTED]; author beretta; state Exp;  
branches;  
next 1.16;

1.16  
date [REDACTED]; author beretta; state Exp;  
branches;  
next 1.15;

1.15  
date [REDACTED]; author beretta; state Exp;  
branches;  
next 1.14;

1.14  
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branches;  
next 1.13;

1.13  
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branches;  
next 1.12;

1.12  
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branches;  
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1.11  
date [REDACTED]; author beretta; state Exp;  
branches;  
next 1.10;

1.10





date [REDACTED]; author beretta; state Exp;  
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1.9  
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1.8  
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1.7  
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1.6  
date [REDACTED]; author beretta; state Exp;  
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next 1.5;

1.5  
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1.4  
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1.3  
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1.2  
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1.1  
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next ;

1.1.1.1  
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branches;  
next ;



Header files (notation added)

head 1.23;

access;

symbols

GraphicsDrivers-1-0d62:1.12  
GraphicsDrivers-1-1d31:1.23  
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GraphicsDrivers-1-1d3:1.17  
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GraphicsDrivers-1-0d41:1.12  
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GraphicsDrivers-1-0d33:1.12  
GraphicsDrivers-1-0d32:1.12  
GraphicsDrivers-1-0d31:1.12  
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GraphicsDrivers-1-0d4:1.5  
GraphicsDrivers-1-0d3:1.5  
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GraphicsDrivers-1-0d1:1.4  
GraphicsDrivers-1-0d0:1.4  
GADrivers-1-0d0:1.1.1.1  
GADrivers-1:1.1.1.1;

locks; strict;  
comment @ \* @;

1.23  
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branches;  
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1.22  
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branches;  
next 1.21;



1.21  
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1.20  
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branches;  
next 1.19;

1.19  
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branches;  
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1.18  
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1.17  
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1.16  
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1.15  
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branches;  
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1.12  
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1.11  
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branches;  
next 1.10;

1.10



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branches;  
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1.9  
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branches;  
next 1.8;

1.8  
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branches;  
next 1.7;

1.7  
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branches;  
next 1.6;

1.6  
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branches;  
next 1.5;

1.5  
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branches;  
next 1.4;

1.4  
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branches;  
next 1.3;

1.3  
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branches;  
next 1.2;

1.2  
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branches;  
next 1.1;

1.1  
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branches  
1.1.1.1;  
next ;

1.1.1.1  
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branches;  
next ;